HP Designjet T790 ePrinter series

Easy plug-and-play large-format HP ePrinter

So easy and intuitive, you´ll love using it

- Print to any HP Designjet printer without installing any drivers thanks to HP ePrint & Share.(1
- Discover the power of touch—this ePrinter´s color touchscreen enables intuitive operation and page previews.
- Web-connected and easy to update. Software updates occur automatically, every six months.
- Create a print-ready PDF(2 at the same time you print with HP ePrint & Share.(1

Attain high-quality, high-speed results

- Achieve high-quality results with rich, dark blacks, true neutral grays, and vibrant solid colors.
- Produce fine, detailed lines and highly accurate drawings with innovative technology and Original HP inks.
- Get the job done quickly without sacrificing quality. Print up to 2 A1/D-sized prints per minute in Economode.
- Print complex files as easily as simple ones with this ePrinter´s 8 GB virtual memory.(3

Access and print files where the job takes you

- Print TIFF, JPEG, and PDF(4 files directly from your USB thumb drive; no computer required.
- Print and share files directly from the color touchscreen(1 with HP ePrint & Share.(1
- Select and print projects using the touchscreen–simply access those files via HP ePrint & Share.(1
- Print remotely to any large-format HP Web-connected Designjet from your computer or mobile device.

(1 HP ePrint & Share is a free Web-printing solution that lets you automatically manage content online. It requires an Internet connection.
(2 Requires AutoCAD plug-in.
(3 Based on 640 MB RAM.
(4 PDF files only available with PostScript accessory (optional accessory to be purchased separately) or buying PS versions.

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Technical specifications

Print	Line drawings[5]	28 sec/page on D, 103 D prints per hour
	Color images[6]	**Fast:** 445 ft²/hr on coated media **Best:** 33.3 ft²/hr on glossy media
	Print resolution	Up to 2400 x 1200 optimized dpi from 1200 x 1200 input dpi and Optimization For Photo Paper selected
	Margins (top x bottom x left x right)	**Roll:** 0.2 x 0.2 x 0.2 x 0.2 in **Sheet:** 0.2 x 0.67 x 0.2 x 0.2 in
	Technology	HP Thermal Inkjet
	Ink types	Dye-based (C, G, M, pK, Y); pigment-based (mK)
	Ink drop	6 pl (C, G, M, pK); 9 pl (mK, Y)
	Printheads	3 (G & pK, mK & Y, M & C)
	Line accuracy	+/- 0.1%[7]
	Minimum line width	0.0008 in (HP-GL/2 addressable)
	Guaranteed minimum line width	0.0024 in (ISO/IEC 13660:2001(E))[8]
Media	Handling	Sheet feed, roll feed, automatic cutter
	Weight	60 to 328 g/m²
	Size	**24-in printers:** 8.3 to 24-in wide sheets; 11 to 24-in rolls **44-in printers:** 8.3 to 44-in wide sheets; 11 to 44-in rolls
	Thickness	Up to 31.5 mil
Memory	Basic ePrinter: 8 GB (virtual)[9] PostScript® ePrinter: 8 GB (virtual)[9], 160 GB hard disk	
Connectivity	Interfaces (standard)	Fast Ethernet (100Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot
	Print languages (standard)	**Basic ePrinter:** HP-GL/2, TIFF, JPEG, CALS G4, HP PCL 3 GUI **PostScript® ePrinter:** Adobe® PostScript® 3™, Adobe PDF 1.7, HP-GL/2, TIFF, JPEG, CALS G4, HP PCL 3 GUI
	Print languages (optional)	Basic ePrinter: Adobe PostScript 3, Adobe PDF 1.7
	Drivers (included)	HP-GL/2, HP-RTL drivers for Windows® (optimized for AutoCAD 2000 and higher); HP PCL 3 GUI driver for Mac OS X; PostScript Windows, Linux, and Mac drivers[10]
Dimensions (w x d x h)	Printer	**24-in printers:** 49.7 x 27.6 x 41.3 in **44-in printers:** 69.7 x 27.6 x 41.3 in
	Shipping	**24-in printers:** 56.7 x 30.2 x 30.3 in **44-in printers:** 76 x 30.2 x 30 .3 in
Weight	Printer	**24-in printers:** 132 lb **44-in printers:** 180 lb
	Shipping	**24-in printers:** 170 lb **44-in printers:** 227 lb
What's in the box	HP Designjet T790 ePrinter, printheads, introductory ink cartridges, printer stand[11], spindle, quick reference guide, setup poster, startup software, power cord	
Environmental ranges	Operating temperature: 41 to 104˚F	
	Storage temperature: -13 to 131˚F	
	Operating humidity: 20 to 80% RH	
Acoustic	Sound pressure: 43 dB(A) (active); 29 dB(A) (standby)	
	Sound power: 6.1 B(A) (active); 4.7 B(A) (standby)	
Power consumption	< 120 watts (printing), < 27 watts (standby), < 7 watts (< 25 watts with embedded Digital Front End) (powersave), 0.1 watts (off)	
	Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max	
Certification	Safety	USA and Canada (CSA certified), EU (LVD and EN 60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE)
	Electromagnetic	Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC)
	Environmental	WEEE, EU RoHS, China RoHS, REACH, EuP, FEMP
Warranty	One-year limited hardware warranty	

Ordering information

Product	CR647A	HP Designjet T790 24-in ePrinter
	CR648A	HP Designjet T790 24-in PostScript ePrinter
	CR649A	HP Designjet T790 44-in ePrinter
	CR650A	HP Designjet T790 44-in PostScript ePrinter
Accessories	CN538A	HP Designjet 3-in Core Adapter
	CN500B	HP Designjet PostScript Upgrade
	CQ783A	HP Designjet T7xx 24-in Spindle
	Q6709A	HP Designjet 44-in Roll Feed Spindle
	Q6663A	HP Designjet T/Z 24-in Stand[11]
	CQ654A	HP Designjet HD Scanner
	CN501A	HP Designjet External Hard Disk (PS model only)
	J7961G	HP Jetdirect 635n IPv6/IPsec Print Server
	CR648B	HP Designjet T790ps 24-in Encrypted HDD ePrinter
	CR650B	HP Designjet T790ps 44-in Encrypted HDD ePrinter
Original HP printheads	C9380A	HP 72 Gray and Photo Black Printhead
	C9383A	HP 72 Magenta and Cyan Printhead
	C9384A	HP 72 Matte Black and Yellow Printhead
Original HP ink cartridges	C9397A	HP 72 69-ml Photo Black Ink Cartridge
	C9398A	HP 72 69-ml Cyan Ink Cartridge
	C9399A	HP 72 69-ml Magenta Ink Cartridge
	C9400A	HP 72 69-ml Yellow Ink Cartridge
	C9401A	HP 72 69-ml Gray Ink Cartridge
	C9403A	HP 72 130-ml Matte Black Ink Cartridge
	C9370A	HP 72 130-ml Photo Black Ink Cartridge
	C9371A	HP 72 130-ml Cyan Ink Cartridge
	C9372A	HP 72 130-ml Magenta Ink Cartridge
	C9373A	HP 72 130-ml Yellow Ink Cartridge
	C9374A	HP 72 130-ml Gray Ink Cartridge
Original HP large-format printing materials	C1861A	HP Bright White Inkjet Paper (FSC® certified)[12] ♻[13] 36 in x 150 ft
	C6020B	HP Coated Paper (PEFC™ certified)[12] ♻[13] 36 in x 150 ft
	C6030C	HP Heavyweight Coated Paper (PEFC™ certified)[12] ♻[13] 36 in x 100 ft
	Q8808A	HP Premium Satin Photo Paper (FSC® certified)[12] 36 in x 75 ft

For the entire HP Large Format Printing Materials portfolio, please see **hp.com/go/LFprintingmaterials**

	24-in	44-in	
Service and support	HP596E	HP998E	HP 3 year Next Business Day Onsite Support
	HP598E	HP999E	HP 3 year 4-hour response, 13x5 Onsite Support
	HP597E	HQ001E	HP 3 year 4-hour response, 9x5 Onsite Support
	HP603E	HQ006E	HP 3 year Next Business Day Onsite Support with Defective Media Retention
	HP993PE	HQ015PE	HP 1 year Post Warranty, Next Business Day Onsite Support
	HP997PE	HQ016PE	HP 1 year Post Warranty, 4-hour response, 13x5 Onsite Support
	H4518E	H7604E	HP Network Installation Service
	H7604E	H7604E	HP Installation and Startup Service

(5 Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (Bond). Measured on a 44-in printer.

(6 Mechanical printing time. Measured on a 44-in printer.

(7 +/-0.1% of the specified vector length or +/-0.2 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/E printing material in Best or Normal mode with HP Matte Film.

(8 Measured on HP Matte Film.

(9 Based on 640 MB RAM.

(10 Included with PostScript printers only.

(11 Stand not included in the box for 24-in printers outside of North America and Latin America.

(12 FSC® trademark license code FSC®-C017543, see fsc.org. PEFC™ trademark license code PEFC™/29-31-198, see pefc.org.

(13 Can be recycled through commonly available recycling programs.

For more information, please visit: **hp.com/go/DesignjetT790**

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4AA4-1679ENW, June 2012